

## 马关铁线莲，云南毛茛科一新种

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**摘要:** 描述了自云南发现的毛茛科铁线莲属一新种——马关铁线莲，并给出其与近缘种的区别特征。

**关键词:** 毛茛科; 铁线莲属; 新种; 云南

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### A New Species of the Genus *Clematis* (Ranunculaceae) from Yunnan, China

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**Abstract:** A species of the genus *Clematis* (Ranunculaceae), *C. maguanensis*, is described as new from Yunnan Province, China, and the diagnostic differences between it and its putative close ally are given.

**Key words:** Ranunculaceae; *Clematis*; New species; Yunnan

***Clematis maguanensis*** W. T. Wang, sp. nov.

Fig. 1

(Sect. *Clematis* subsect. *Rectae* Prantl ser. *Meyenianae* Tamura)

Ob sepala patentia, stamina glabra, antheras lineares apice apiculatas et achenia margine haud tumida species nova haec ad sect. *Clamatidem* subsect. *Rectas* Prantl ser. *Meyenianas* Tamura pertinet, et in serie hac ea est affinis *C. finetianae* Lévl. & Vaniot, quae foliolis majoribus usque ad 10 (–15) cm longis, cymis 1–5 (–9)-floris, acheniis fusiformibus, et stylis persistentibus fulvo-villosis facile differt.

Woody vines. Branches of the current year green, subterete, ca. 3 mm in diam., glabrous, smooth, inconspicuously longitudinally 6-sulcate. Leaves opposite, ternate, glabrous; leaflets coriaceous, narrowly ovate or ovate, 2–7 cm long, 0.7–2.8 cm broad, at apex acuminate, at base rounded, margin entire, trinerved, with basal nerves adaxially flat, inconspicuous,

abaxially slightly prominent, and with petiolules 0.4–2.4 cm long; petioles 2–6.5 cm long. Cymes singly axillary, racemiform, 8–15 cm long, 7–15-flowered, glabrous; peduncles 3–6 cm long; bracts narrowly ovate, lanceolate or linear, 2.5–8 mm long, 1–1.2 mm broad; pedicels slender, 4–16 mm long. Flower 1.2–1.8 cm in diam. Sepals 4, spreading, white, lanceolate-linear, 8–11.5 mm long, 2–2.8 mm broad, apex slightly acute, adaxially glabrous, abaxially on margin white-velutinous, trinerved. Stamens 20–22, 5–8 mm long, glabrous; filaments narrowly linear, 1–3.5 mm long; anthers linear, 3–4 mm long, apex shortly apiculate. Carpels 6–7, ca. 5 mm long; ovaries broadly ellipsoidal ca. 1 mm long, puberulous; styles ca. 4 mm long, very densely white-villous. Achenes dark-brown, strongly compressed, ovate or broadly elliptic, 4–5 mm long, ca. 3 mm broad, margin rimmed, not tumid; persistent styles slender, ca. 2.6 cm long, spreading white-villous.

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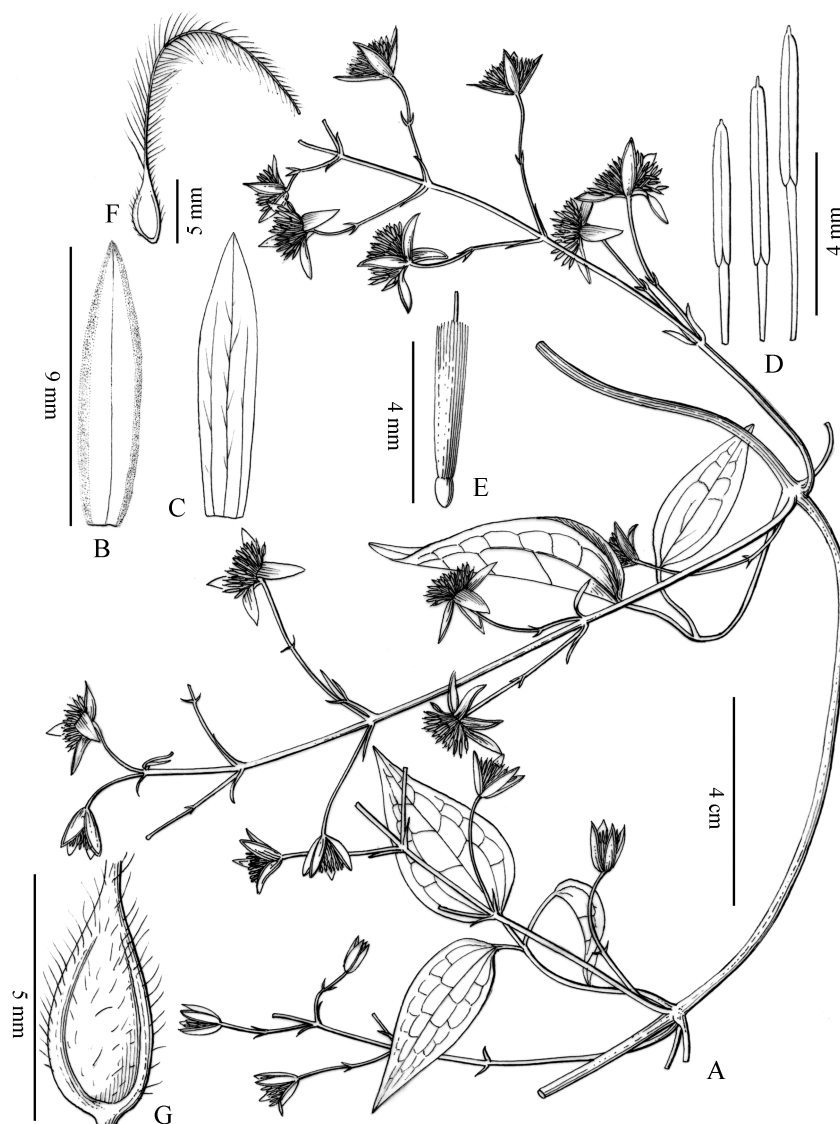


Fig. 1 *Clematis maguanensis* A. part of flowering stem; B. sepal, abaxial view; C. the same as B, adaxial view; D. stamens; E. carpel; F. achene with persistent style; G. achene with its persistent style removed. (A–E from holotype; F–G from paratype)

China: Yunnan Province: **Maguan Xian**, Gulinqing, Laofangzi, alt. 1 600 m, on limestone summit, vine, fls. white, 2003–06–20, Y. M. Shui *et al.* 32178 (**holotype**, PE); same locality, Qinglong Mt., in the forest at the middle of limestone hill, 2002–10–15, Y. M. Shui, W. H. Chen & J. S. Sheng 31477 (fr., PE).

In having spreading sepals, glabrous stamens, linear anthers with apiculate apices, and achenes without tumid margins this species should belong to sect. *Clematis* subsect. *Rectae* ser. *Meyenianae*. In this series, it is related to *C. finetiana*, but differs in

its smaller leaflets, 7–15-flowered cymes, ovate or broadly elliptic achenes, and white-villous persistent styles. In *C. finetiana*, the leaflets are larger, up to 10 (–15) cm long, the cymes are 1–5 (–9)-flowered, the achenes are fusiform in outline, and the persistent styles are tawny-villous (Wang, 2003).

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#### Reference:

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